Substitute PTO/SB/08A (08-03) U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE. pstitute for form 1449A/PTO Complete if Known (Modified) Application Number 09/904,175 INFORMATION DISCLOSURE Filing Date July 11, 2001 ÉMENT BY APPLICANT First Named Inventor DUONG, Hau Art Unit 1634 (use as many sheets as necessary) FORMAN, Betty J. Examiner Name Sheet 13 Attorney Docket Number A-68718-3 (463037-00219)

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear		
W	A1	4,908,319	03-13-1990	Smyczek at al.			
	A2	4,945,045	07-31-1990	Forrest et al.			
	A3	5,038,852	08-13-1991	Johnson et al.			
	A4	5,100,775	03-31-1992	Smyczek at al.			
	A5	5,108,573	04-28-1992	Rubinstein et al.			
	A6	5,126,022	06-30-1992	Soane et al.			
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1	A8	5,143,854	09-01-1992	Pirrung et al.			
	A9	5,147,607	09-15-1992	Mochida			
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7	A29	5,595,712	01-21-1997	Harbster et al.			
1/	A30	5,599,695	02-04-1997	Pease et al.			
W	A31	5,601,982	02-11-1997	Sargent et al.			

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Signature		Considered	10/05

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Complete if Known Substitute for form 1449A/PTO (Modified) Application Number 09/904,175 INFORMATION DISCLOSURE Filing Date July 11, 2001 STATEMENT BY APPLICANT DUONG, Hau First Named Inventor Art Unit 1634 (use as many sheets as necessary) FORMAN, Betty J. Examiner Name A-68718-3 (463037-00219) 2 13 Attorney Docket Number Sheet

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W	A32	5,605,662	02-25-1997	Heller et al.				
	A33	5,620,850	04-15-1997	Barndad et al.				
	A34	5,631,734	05-20-1997	Stem et al.				
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	A36	5,653,939	08-05-1997	Hollis et al:				
	A37	5,657,208	08-12-1997	Noe et al.				
	A38	5,670,322	09-23-1997	Eggers et al.				
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Substitute for form 1449A/PTO				Complete if Known		
	(Modi	ified)		Application Number	09/904,175	
IN	IFORMATION	DISC	CLOSURE	Filing Date	July 11, 2001	
S	STATEMENT BY APPLICANT			First Named Inventor	DUONG, Hau	
				Art Unit	1634	
(use as many sheets as necessary)				Examiner Name	FORMAN, Betty J.	
Sheet	3	of	13	Attorney Docket Number	A-68718-3 (463037-00219)	

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11	A63	5,958,791	09-28-1999	Roberts et al.				
4	A64	5,965,452	10-12-1999	Kovacs				
\neg	A65	5,971,355	10-26-1999	Biegelsen et al.				
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Examiner Cite No.1		Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۳
V	B1	DE 1 9725 190 /	12-17-1998	Innova GmbH	Abstract only	
70	B2	EP 0 142 301 /	05-22-1985	Serono Diagnostics Limited		
V	В3	EP 0 213 825 ./	03-11-1987	Molecular Devices Corp		
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W	B5	EP 0 854 362 A2 🗸	07-22-1998	Japan Science & Technology Corp		
1	B6	EP 0 859 230 A1	08-19-1998	Cranfield University		
	B7	EP 0 870 541 A2	10-14-1998	Eastman Kodak Co.		
	B8	EP 0 969 083 A1	01-05-2000	Olympus Optical Co. Ltd.		
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	B10	JP 63-238166 A	10-04-1988	Mitsubishi Corp.	Abstratory	,
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	B12	WO 98/50154 A1 V	11-00-1998	University of Minnesota	., 8	
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	B14	WO 93/22678 A2/A3	11-11-1993	Massachusetts Institute of Technology	,	
نام.	B15	WO 93/25898 A1 √	12-23-1993	Medisense, Inc.		

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	(Modi			Application Number	09/904,175		
IN	IFORMATION	DISC	CLOSURE	Filing Date	July 11, 2001		
STATEMENT BY APPLICANT				First Named Inventor	DUONG, Hau		
				Art Unit	1634		
(use as many sheets as necessary)				Examiner Name	FORMAN, Betty J.		
Sheet	4	of	13	Attorney Docket Number	A-68718-3 (463037-00219)		

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N	B16	WO 94/22889 A1 ,/	10-13-1994	Cis Bio International						
	B17	WO 95/11755 A1 🗸	05-04-1995	Houston Advance Research Center	Abstract one					
	B18	WO 97/12030 A1	04-03-1997	Nanogen, Inc.	9					
	B19	WO 97/27324 A1 1	07-31-1997	David Samoff Research Center						
	B20	WO 97/27473 A1 🗸	07-31-1997	Northwestern University						
	B21	WO 97/31256 A1 ,	08-28-1997	Cornell Research Foundation, Inc.						
	B22	WO 97/36681 A1 /	10-09-1997	Perkin Elmer Corp.						
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П	B27	WO 98/27229 A1 🗸	06-25-1998	University of Chicago						
	B28	WO 98/28444 A2/A3 /	07-02-1998	University of Chicago						
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	B30	WO 98/49344 A1	11-05-1998	Lockheed Martin Energy Research Corp.	·					
	B31	WO 98/49557 A1 🗸	11-05-1998	B-E Safe, Inc.						
	B32	WO 99/07879 A1	02-18-1999	Fraunhofer Inst. Siliziumtechno, Univ. of Souther CA						
	B33	WO 99/14596 A1 🗸	03-25-1999	AB Sangtec Medical						
	B34	WO 99/17093 A1 🖌	04-09-1999	The Regents of the University of Michigan						
	B35	WO 99/26729 A1	06-03-1999	Universite de Montreal						
	B36	WO 99/29711 A1	06-17-1999	Nanogen, Inc.						
	/B37	WO 01/34302 A2	05-17-2001	Motorola, Inc.						
	B38	WO 01/42508 A2	06-14-2001	Motorola, Inc.						
IN	B39	WO 01/54813 A2/A3	08-02-2001	Clinical Micro Sensors, Inc.						

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;	STATEMENT E	BY AF	PLICANT	First Named Inventor	DUONG, Hau		
				Art Unit	1634		
	(use as many she	ets as ne	cessary)	Examiner Name	FORMAN, Betty J.		
Sheet	.5	of	13	Attorney Docket Number	A-68718-3 (463037-00219)		

		NON PATENT LITERATURE DOCUMENTS	
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W	C1	AIZAWA, M., et al., "Integrated molecular systems for biosensors," Sens. Actuators B Chem. 24(1&3):1-5 (Mar. 1995).	
	C2	ALBERS, W., et al., "Design of novel molecular wires for realizing long-distance electron transfer," <i>Bioelectrochem. Bioenerg.</i> 42(1):25-33 (Apr. 1997).	
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	C4	ARKIN, M., et al., "Evidence for Photoelectron Transfer Through DNA Intercalation," J. Inorg. Biochem. Abstr., 6th Int. Conf. Bioinorg. Chem. 51(1&2):526 (1993).	
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	C6	BEATTIE, K., et al., "Advances in Genosensor Research", Clin. Chem. 41(5):700-706 (1995).	
	C7	BECKER, H., et al., "Microfluidic manifolds by polymer hot embossing for μ-TAS applications," <i>Micro Total Analysis Systems</i> '98, <i>Proc.</i> μ-TAS '98, pp. 253-256, Banff, BC, CA (Oct. 13 - 16, 1998).	
	C8	BELGRADER, P., et al., "Rapid pathogen detection using a microchip PCR array instrument," Clin. Chem. 10(44):2191-2194 (1998).	
	C9	BIGNOZZI, C., et al., "A simple poly(pyridine)ruthenium(II) photosensitizer: (2,2'-bipyridine)tetracyanoruthenate(II)," <i>J. Am. Chem. Soc.</i> 108(24):7872-7873 (Nov. 1986).	
	C10	BILEWICZ, R., et al., "Monomolecular Langmuir-Blodgett films at electrodes: electrochemistry at single molecule 'gate sites'," Langmuir 11(6):2256-2266 (Jun. 1995).	
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Examiner Signature	1	Date Considered	10/06
Signature	<u> </u>		

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M	C18	CARUANA, D. J., et al., "Enzyme-amplified amperometric detection of hybridization and of a single base pair mutation in an 18-base oligonucleotide on a 7-µm-diameter microelectrode," J. Am. Chem. Soc. 121(4):769-774 (Feb. 1999).	
	C19	CHAILAPAKUL, O., et al., "Interactions between organized, surface-confined monolayers and liquid-phase probe molecules. 4. Synthesis and characterization of nanoporous molecular assemblies: mechanism of probe penetration," <i>Langmuir</i> 11(4):1329-1340 (Apr. 1995).	
	C20	CHARYCH, D., et al., "Direct colorimetric detection of a receptor-ligand interation by polymerized bilayer assembly," Science 261(5121):585-588 (Jul. 1993).	
	C21	CHENG, J., et al., "Selectivity and sensitivity of self-assembled thioctic acid electrodes," <i>Anal. Chem.</i> 64(17):1998-1999 (Sep. 1992).	
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IN	IFORMATION	DISC	CLOSURE	Filing Date	July 11, 2001
S	TATEMENT B	Y AP	PLICANT	First Named Inventor	DUONG, Hau
				Art Unit	1634
	(use as many shee	ets as ne	cessary)	Examiner Name	FORMAN, Betty J.
Sheet	7	of	13	Attomey Docket Number	A-68718-3 (463037-00219)

		NON PATENT LITERATURE DOCUMENTS	_					
xaminer Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Ŀ					
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S	TATEMENT B	Y AP	PLICANT	First Named Inventor	DUONG, Hau		
				Art Unit	1634		
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Sheet	8	of	13	Attorney Docket Number	A-68718-3 (463037-00219)		

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STATEMENT BY APPLICANT				First Named Inventor	DUONG, Hau	
				Art Unit	1634	
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	(Modified) INFORMATION DISCLOSURE	Application Number	09/904,175			
IN	IFORMATION	DISC	CLOSURE	Filing Date	July 11, 2001	
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	DUONG, Hau	
				Art Unit	1634	
	(use as many she	ets as ne	cessary)	Examiner Name	FORMAN, Betty J.	
Sheet	11	of	13	Attorney Docket Number	A-68718-3 (463037-00219)	

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